

Title (en)
DISENGAGEABLE SPEED-REDUCING UNIT

Title (de)
AUSRÜCKBARE DREHZAHLREDUZIERENDE EINHEIT

Title (fr)
REDUCTEUR DE VITESSE DEBRAYABLE

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Application
EP 18727854 A 20180502

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• FR 2018051084 W 20180502

Abstract (en)
[origin: WO2018202990A1] The invention relates to a speed-reducing unit (10), particularly for transferring torque between a gas turbine and a fan in a turbine engine, comprising an annular ring (18), at least one gear (14) that is coupled to the ring (18), wherein the ring (18) comprises two annular half-rings (24) that are offset relative to each other along the main axis of the speed-reducing unit (10) and that are coupled with said at least one gear (14), and a plate (26) for supporting the two half-rings (24), in relation to which the two half-rings (24) are rotationally fixed about the main axis of the speed-reducing unit (10), each half-ring (24) comprising an internal helical tooth, characterised in that each half-ring (24) is connected to the support plate (26) so as to be able to be uncoupled from said at least one gear (14) when said at least one gear (14) exerts a disengaging action on each half-ring (24), with the amplitude of said action being greater than a determined amplitude value.

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